

Data File : VX012449.D
Acq On : 17 Sep 2019 22:14
Operator : JC/SP
Sample : K4858-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190909

Quant Time: Sep 18 03:28:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	153701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	248423	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	212471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	88980	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	107923	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
35) Dibromofluoromethane	5.49	113	75813	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	8.71	98	287255	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
62) 4-Bromofluorobenzene	11.14	95	106287	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	

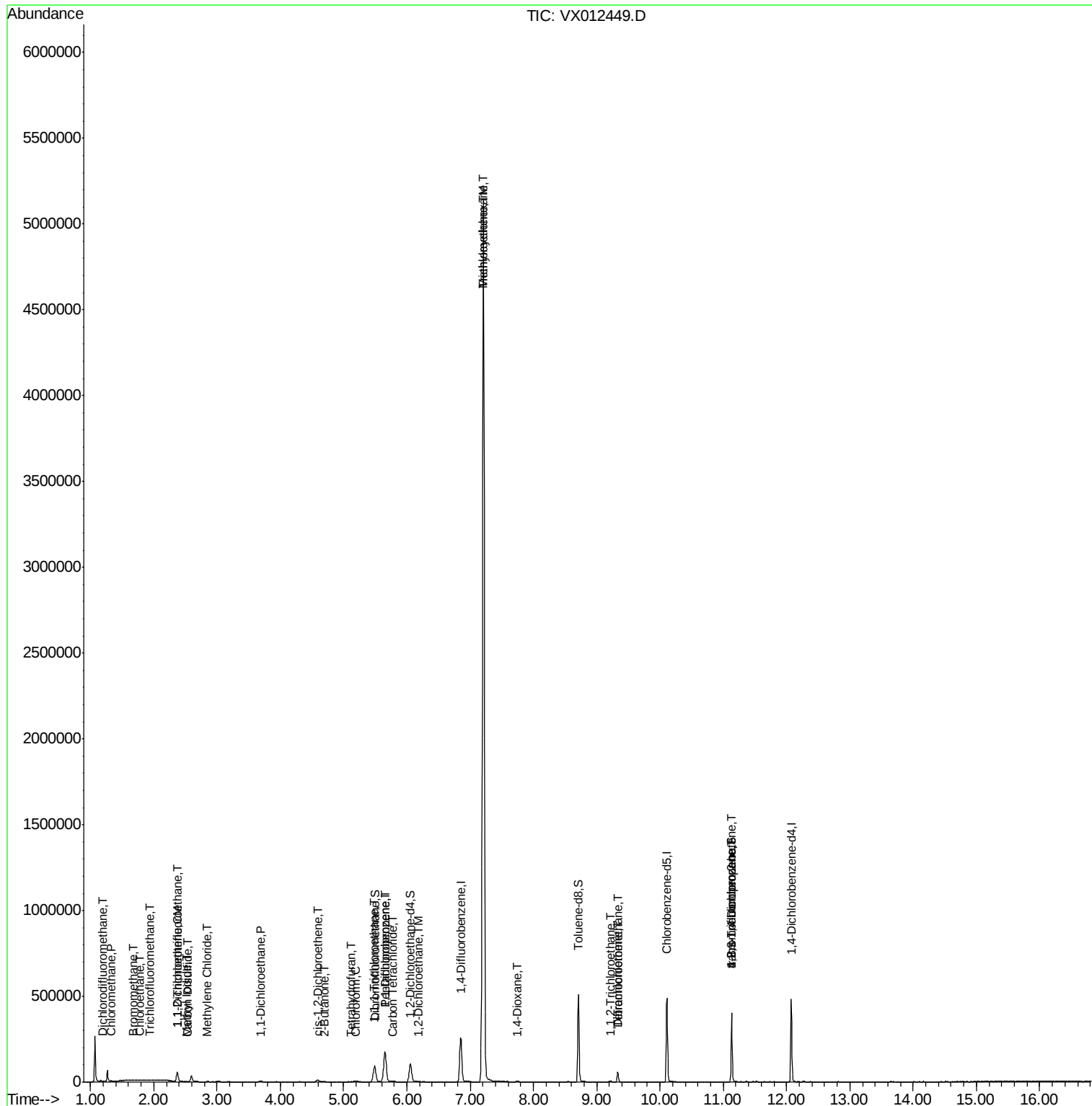
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	576	0.948	ug/l #	61
3) Chloromethane	1.32	50	770	0.911	ug/l #	52
5) Bromomethane	1.66	94	334	0.931	ug/l #	77
6) Chloroethane	1.78	64	381	0.533	ug/l #	75
7) Trichlorofluoromethane	1.92	101	623	0.372	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.37	101	15404	12.716	ug/l	98
10) Methyl Iodide	2.51	142	166	4.588	ug/l #	41
11) Tert butyl alcohol	3.03	59	1721	Below Cal	#	72
12) 1,1-Dichloroethene	2.37	96	7669	7.936	ug/l	95
13) Acrolein	2.27	56	287	Below Cal	#	46
16) Acetone	2.44	43	4733	Below Cal		99
17) Carbon Disulfide	2.55	76	293	2.013	ug/l #	75
20) Methylene Chloride	2.84	84	599	0.449	ug/l #	64
24) 1,1-Dichloroethane	3.69	63	3208	1.273	ug/l #	96
25) 2-Butanone	4.69	43	465	0.304	ug/l #	74
27) cis-1,2-Dichloroethene	4.59	96	6300	4.203	ug/l	81
29) Tetrahydrofuran	5.11	42	374	0.443	ug/l #	42
30) Chloroform	5.20	83	3127	1.080	ug/l #	81
32) 1,1,1-Trichloroethane	5.48	97	1148	0.475	ug/l #	40
36) 1,1-Dichloropropene	5.65	75	12998	8.609	ug/l #	53
38) Carbon Tetrachloride	5.77	117	759	0.404	ug/l #	60
39) Methylcyclohexane	7.21	83	23217	15.818	ug/l #	1
42) 1,2-Dichloroethane	6.18	62	568	0.255	ug/l #	75
44) Trichloroethene	7.21	130	1910586	1512.808	ug/l	96
49) 1,4-Dioxane	7.74	88	1860	38.976	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	1505	0.944	ug/l	89
60) Dibromochloromethane	9.33	129	10515	6.477	ug/l #	11
64) Tetrachloroethene	9.33	164	9707	9.970	ug/l	97
76) 1,2,3-Trichloropropane	11.14	75	55689	27.246	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	55689	73.265	ug/l #	8

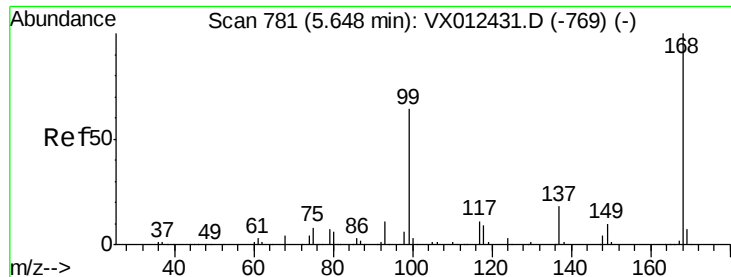
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012449.D

Acq: 17 Sep 2019 22:14

Instrument :

MSVOA_X

ClientSampleId :

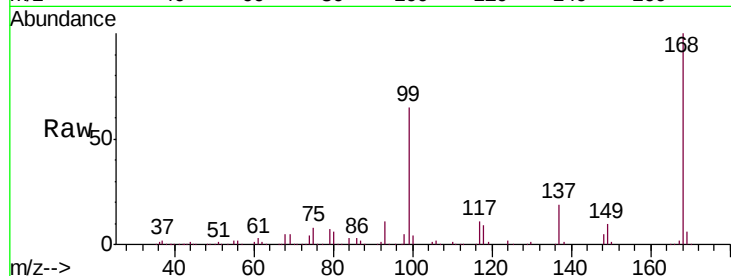
RE103D1-20190909

Tgt Ion:168 Resp: 153701

Ion Ratio Lower Upper

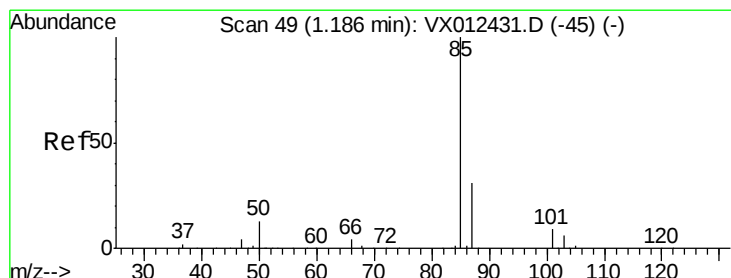
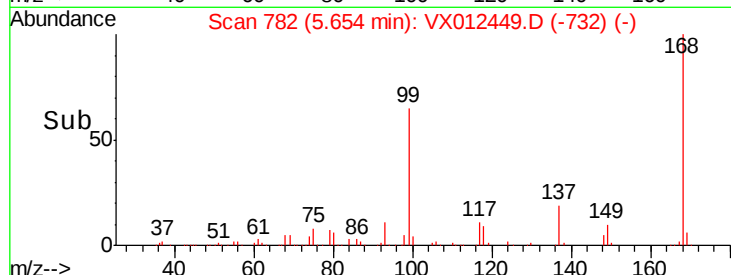
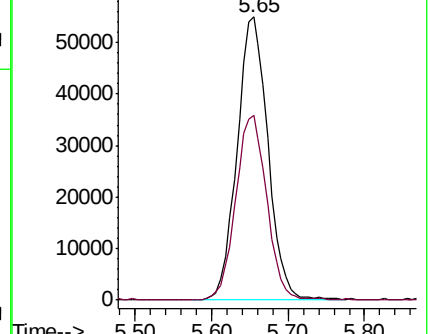
168 100

99 65.3 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.948 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012449.D

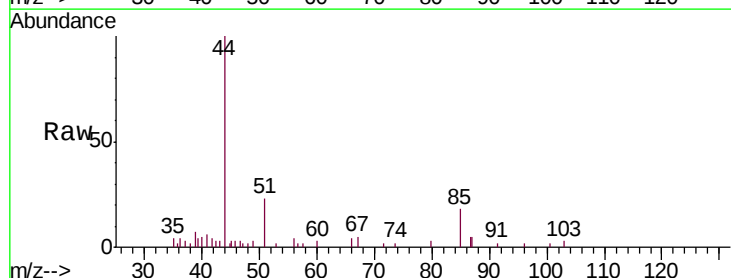
Acq: 17 Sep 2019 22:14

Tgt Ion: 85 Resp: 576

Ion Ratio Lower Upper

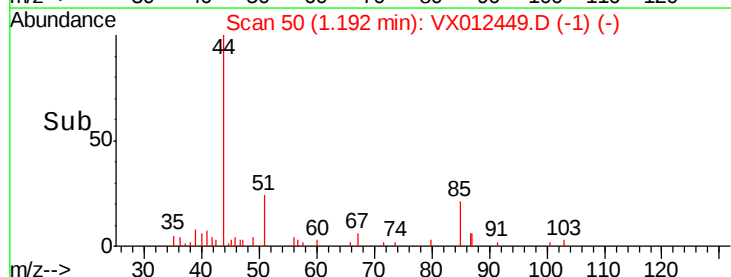
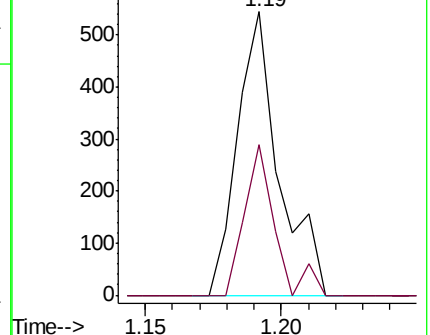
85 100

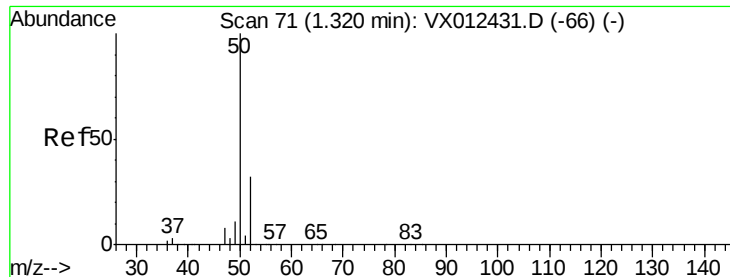
87 52.9 15.6 46.8#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.911 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012449.D

Acq: 17 Sep 2019 22:14

Instrument :

MSVOA_X

ClientSampleId :

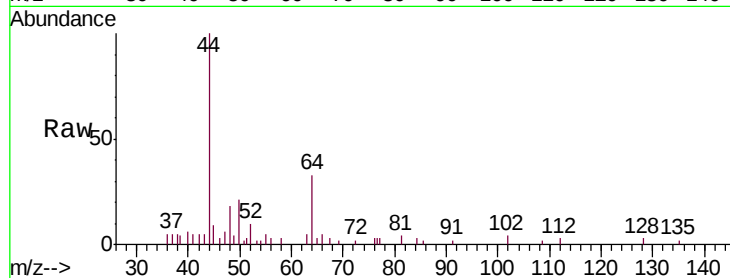
RE103D1-20190909

Tgt Ion: 50 Resp: 770

Ion Ratio Lower Upper

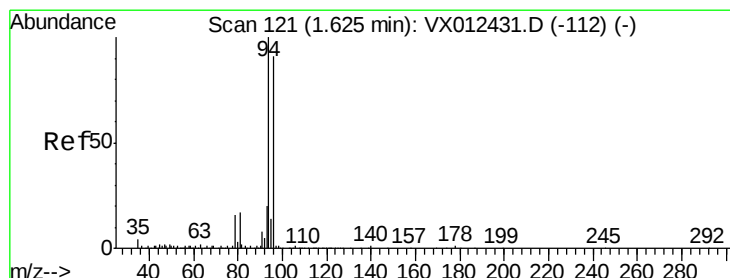
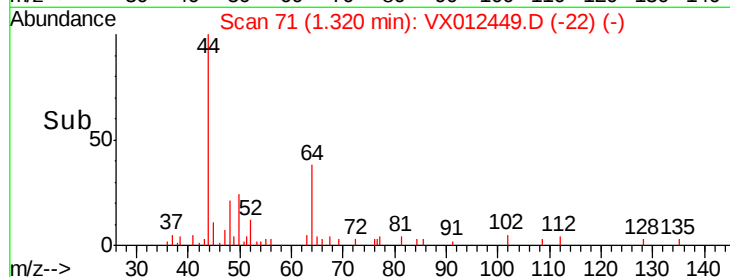
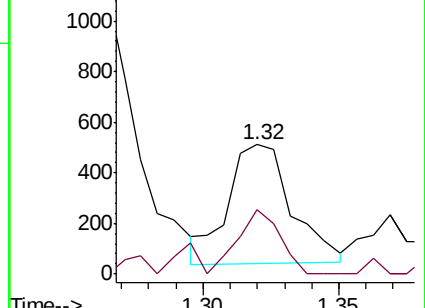
50 100

52 58.8 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: 0.931 ug/l

RT: 1.66 min Scan# 127

Delta R.T. 0.04 min

Lab File: VX012449.D

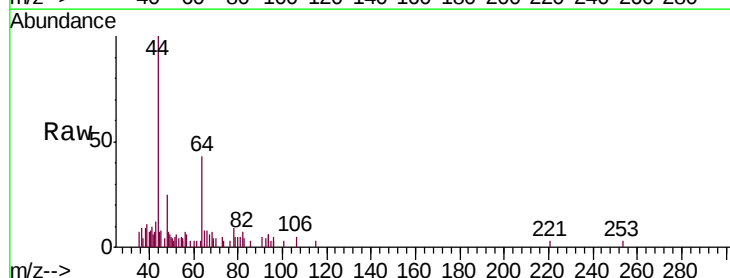
Acq: 17 Sep 2019 22:14

Tgt Ion: 94 Resp: 334

Ion Ratio Lower Upper

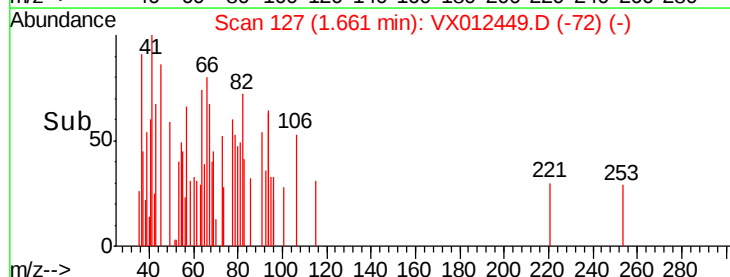
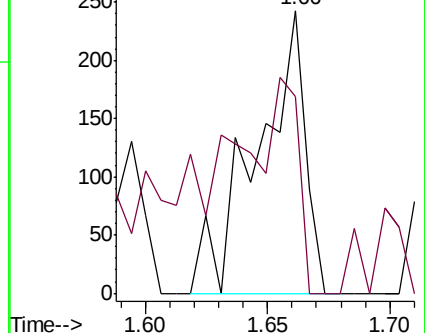
94 100

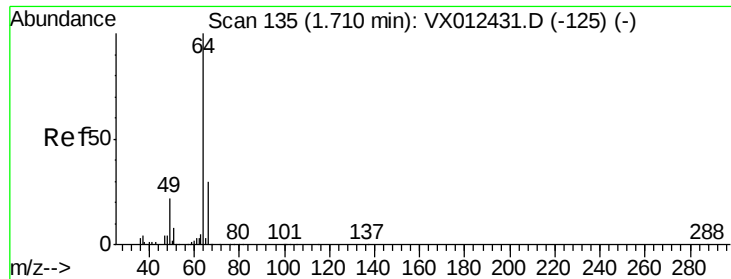
96 69.5 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.533 ug/l

RT: 1.78 min Scan# 147

Delta R.T. 0.07 min

Lab File: VX012449.D

Acq: 17 Sep 2019 22:14

Instrument :

MSVOA_X

ClientSampleId :

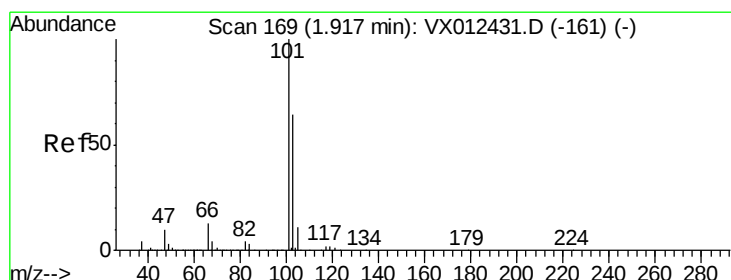
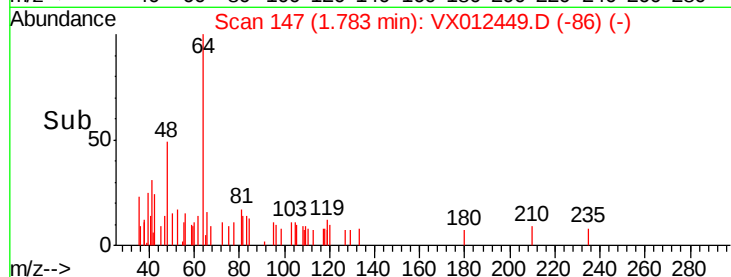
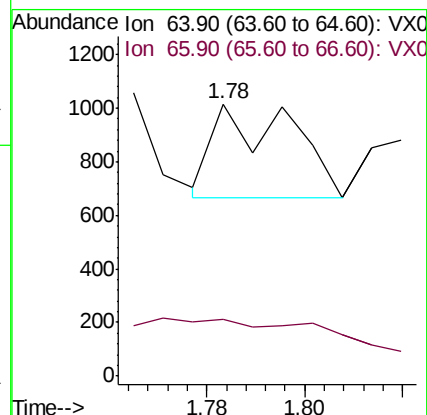
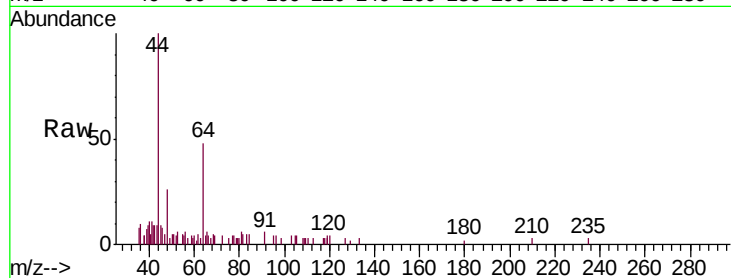
RE103D1-20190909

Tgt Ion: 64 Resp: 381

Ion Ratio Lower Upper

64 100

66 16.7 24.0 36.0#



#7

Trichlorofluoromethane

Concen: 0.372 ug/l

RT: 1.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX012449.D

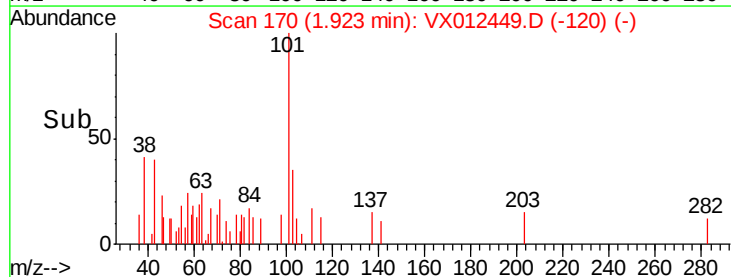
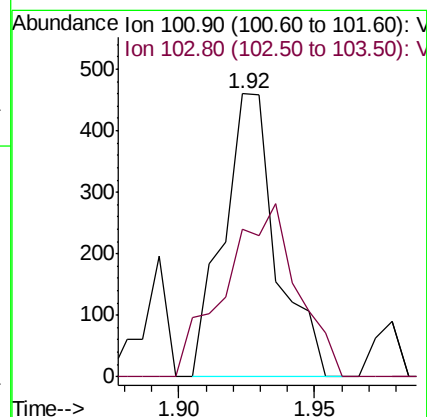
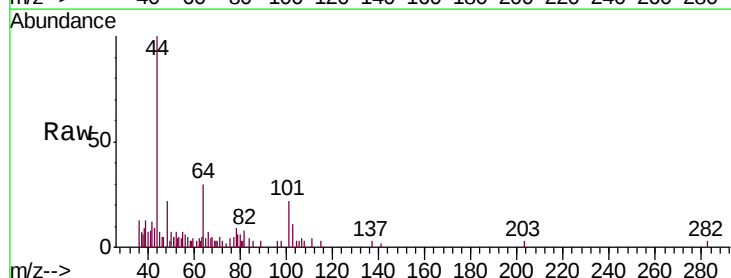
Acq: 17 Sep 2019 22:14

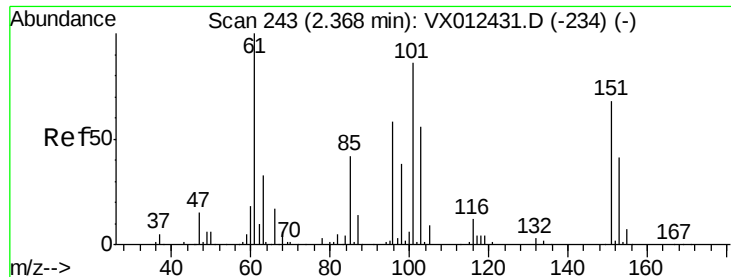
Tgt Ion: 101 Resp: 623

Ion Ratio Lower Upper

101 100

103 52.0 51.0 76.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 12.716 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012449.D

Acq: 17 Sep 2019 22:14

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190909

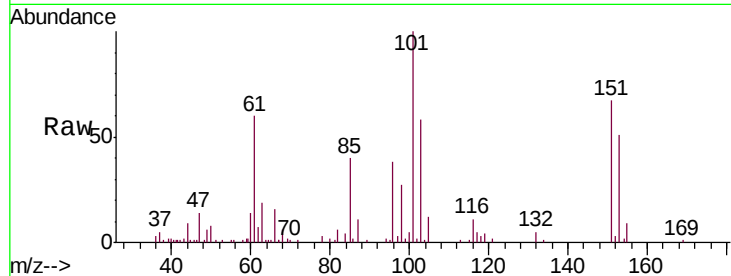
Tgt Ion:101 Resp: 15404

Ion Ratio Lower Upper

101 100

85 45.8 37.3 55.9

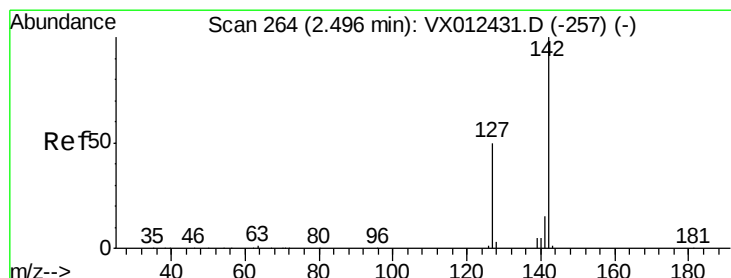
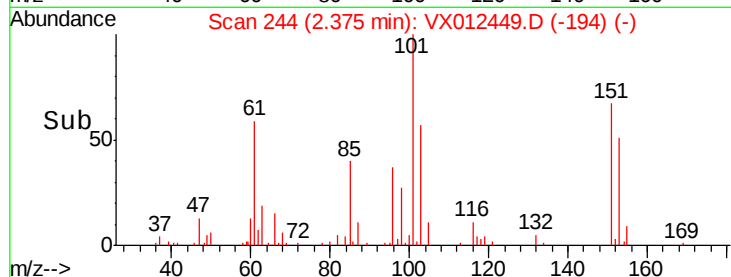
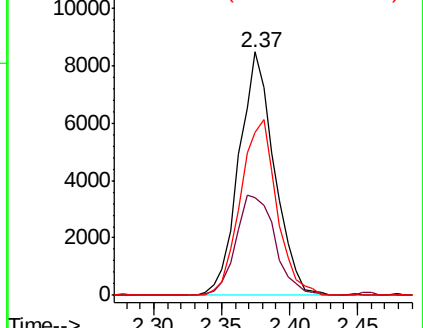
151 73.9 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.588 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX012449.D

Acq: 17 Sep 2019 22:14

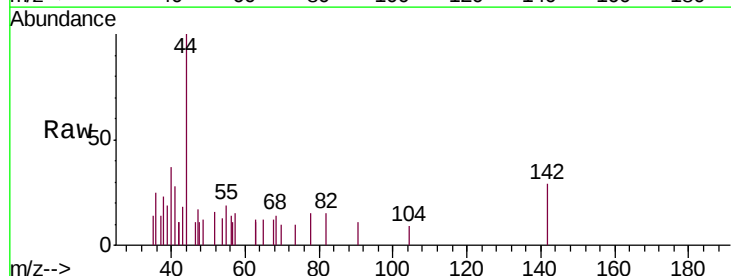
Tgt Ion:142 Resp: 166

Ion Ratio Lower Upper

142 100

127 0.0 40.8 61.2#

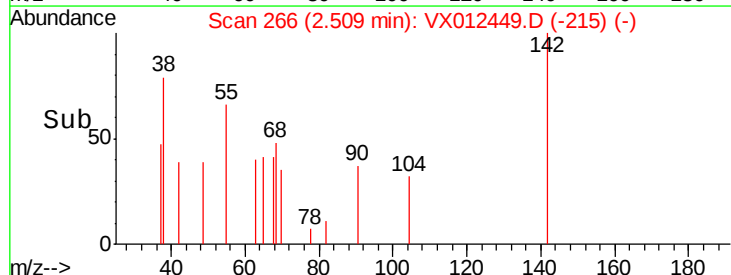
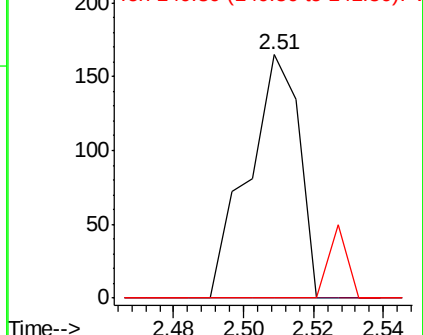
141 10.8 12.1 18.1#

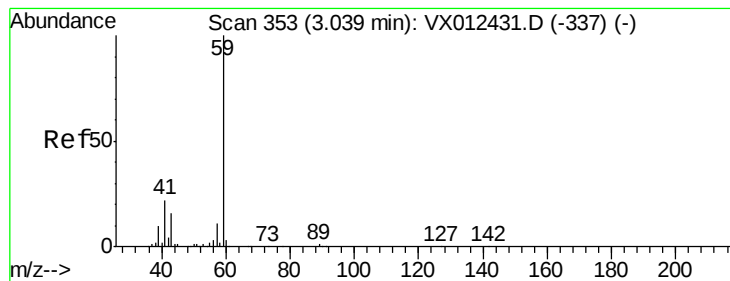


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



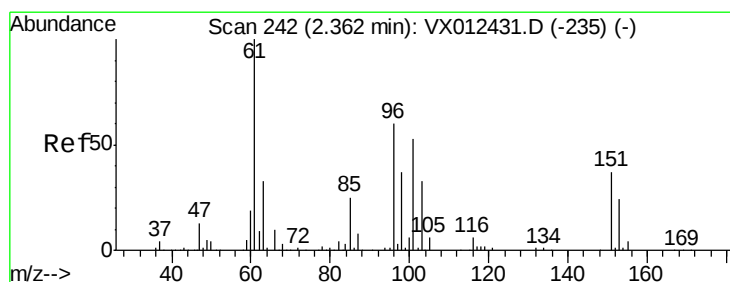
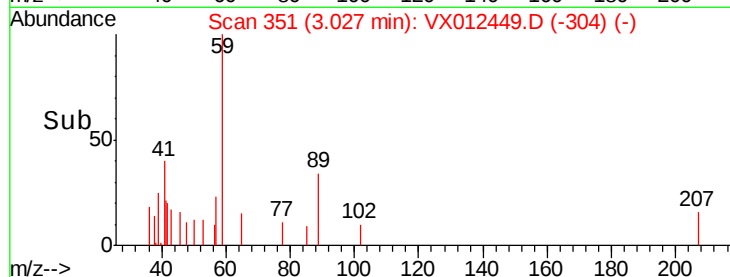
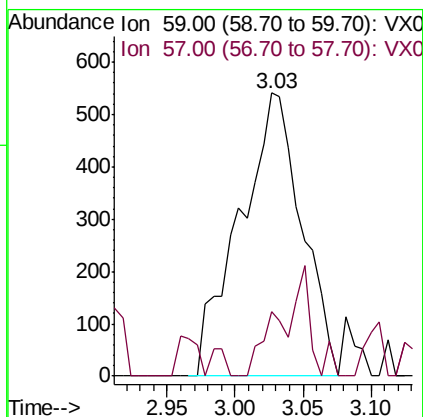
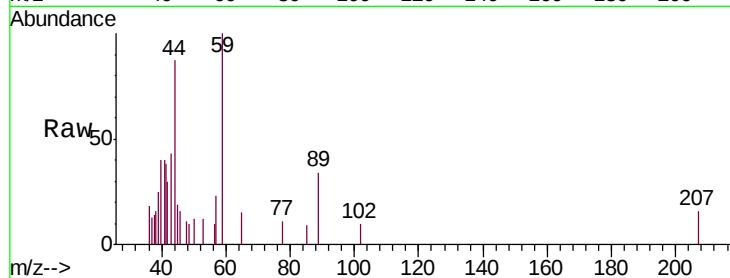


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX012449.D
 Acq: 17 Sep 2019 22:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20190909

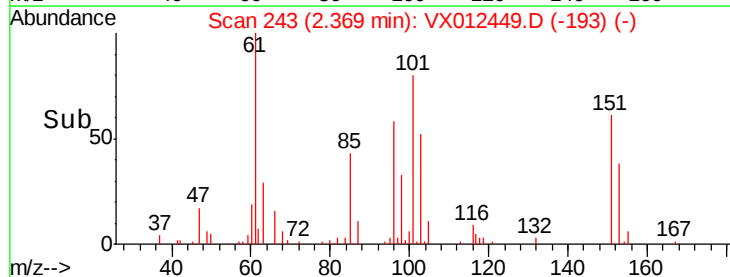
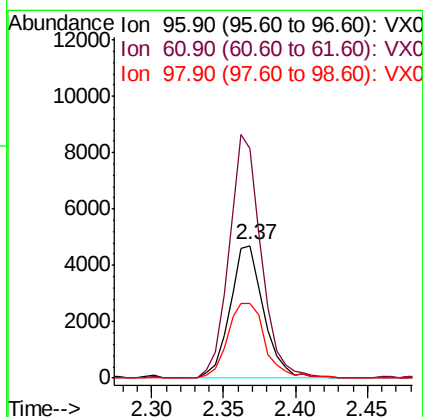
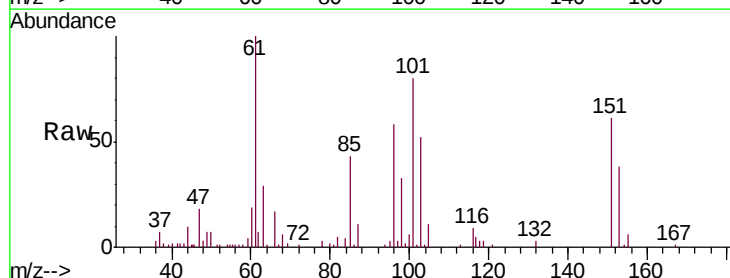
Tgt Ion: 59 Resp: 1721
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

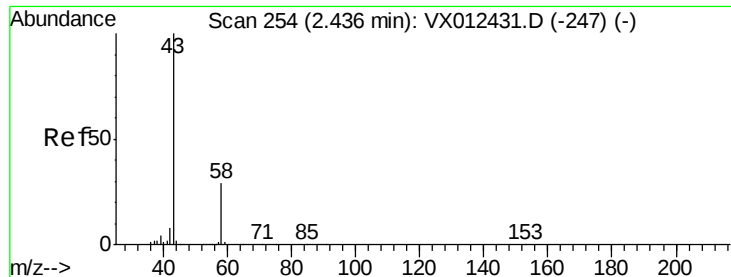


#12

1,1-Dichloroethene
 Concen: 7.936 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX012449.D
 Acq: 17 Sep 2019 22:14

Tgt Ion: 96 Resp: 7669
 Ion Ratio Lower Upper
 96 100
 61 173.0 133.8 200.6
 98 56.3 49.9 74.9





#16

Acetone

Concen: Below Cal

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012449.D

Acq: 17 Sep 2019 22:14

Instrument :

MSVOA_X

ClientSampleId :

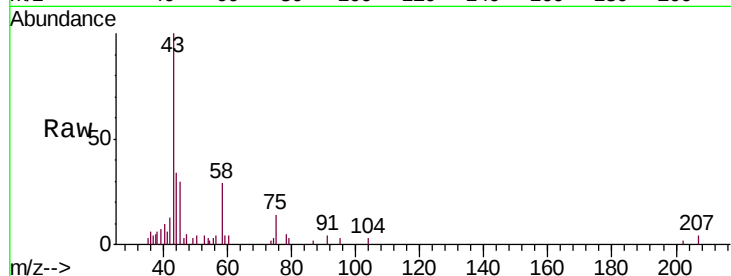
RE103D1-20190909

Tgt Ion: 43 Resp: 4733

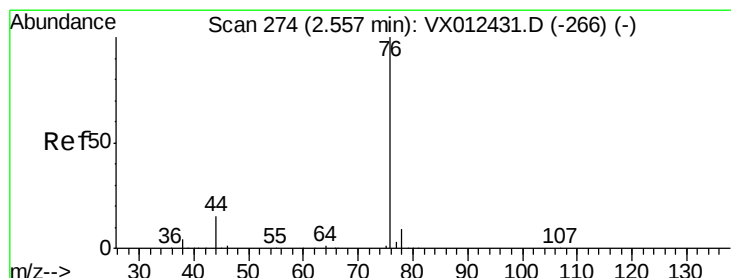
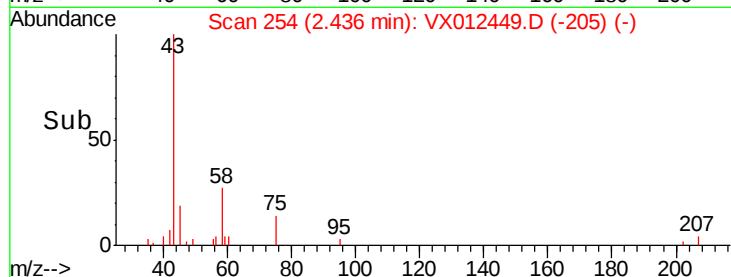
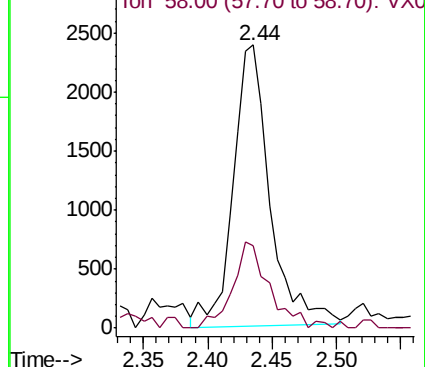
Ion Ratio Lower Upper

43 100

58 29.8 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0



#17

Carbon Disulfide

Concen: 2.013 ug/l

RT: 2.55 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX012449.D

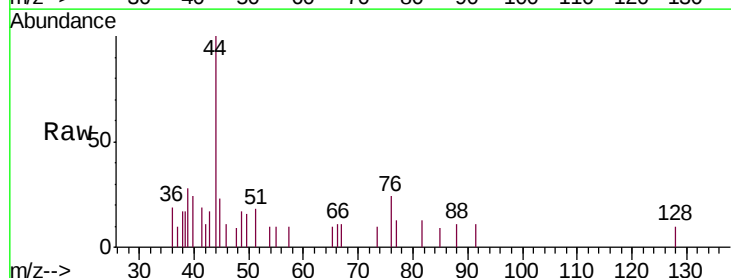
Acq: 17 Sep 2019 22:14

Tgt Ion: 76 Resp: 293

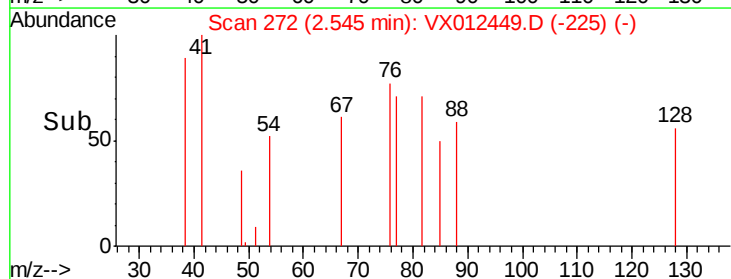
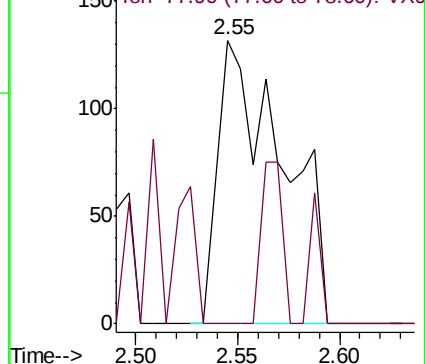
Ion Ratio Lower Upper

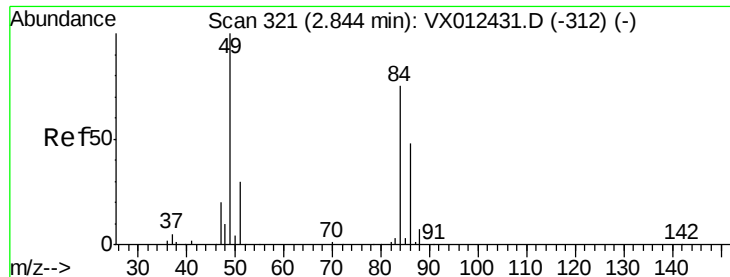
76 100

78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

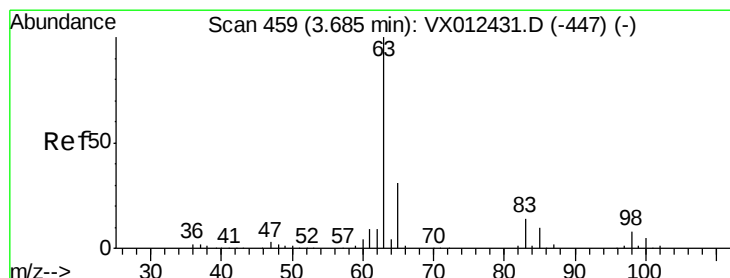
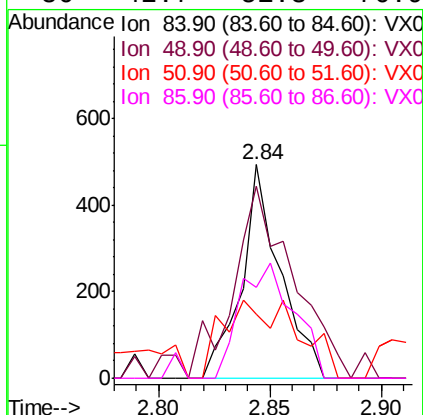
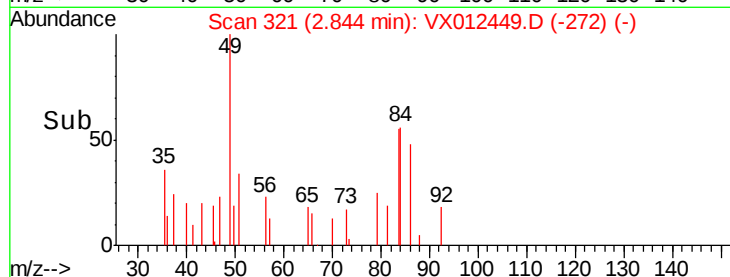
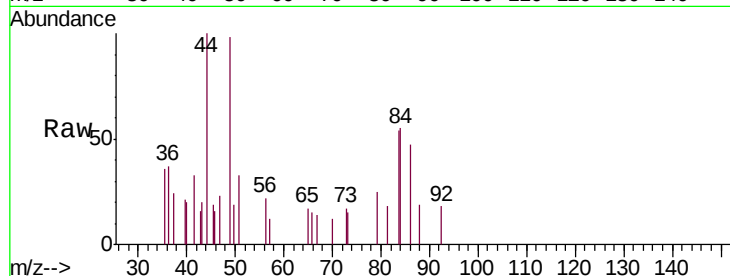




#20
Methylene Chloride
Concen: 0.449 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012449.D
Acq: 17 Sep 2019 22:14

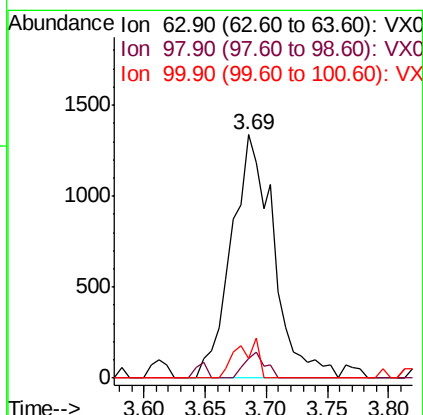
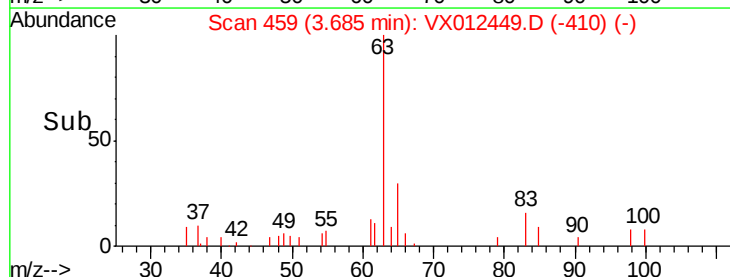
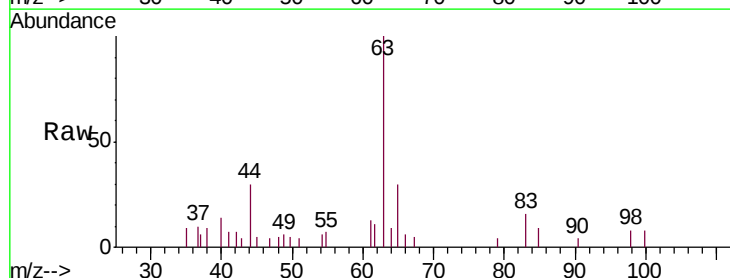
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190909

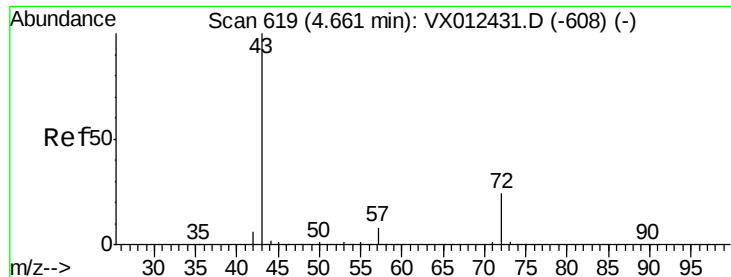
Tgt Ion: 84 Resp: 599
Ion Ratio Lower Upper
84 100
49 79.4 106.8 160.2#
51 30.2 32.3 48.5#
86 42.7 51.3 76.9#



#24
1,1-Dichloroethane
Concen: 1.273 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX012449.D
Acq: 17 Sep 2019 22:14

Tgt Ion: 63 Resp: 3208
Ion Ratio Lower Upper
63 100
98 8.1 3.9 11.7
100 8.1 2.3 6.9#





#25

2-Butanone

Concen: 0.304 ug/l

RT: 4.69 min Scan# 624

Delta R.T. 0.03 min

Lab File: VX012449.D

Acq: 17 Sep 2019 22:14

Instrument :

MSVOA_X

ClientSampleId :

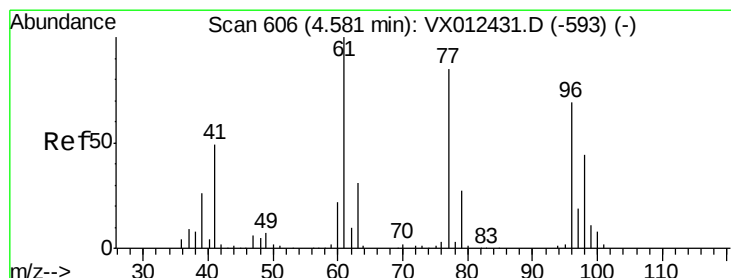
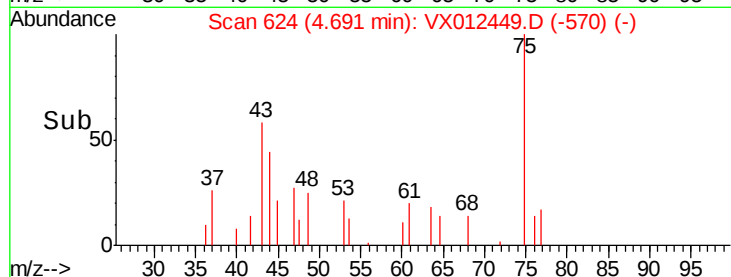
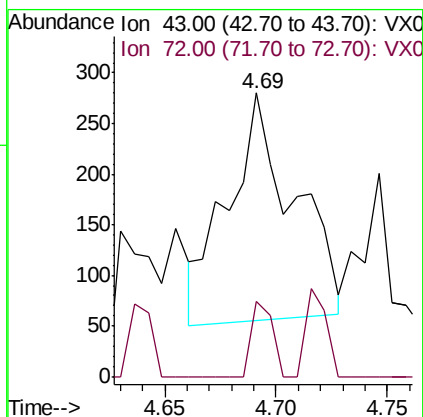
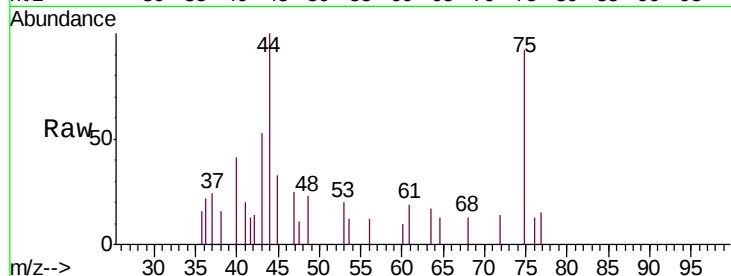
RE103D1-20190909

Tgt Ion: 43 Resp: 465

Ion Ratio Lower Upper

43 100

72 37.0 19.2 28.8#



#27

cis-1,2-Dichloroethene

Concen: 4.203 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012449.D

Acq: 17 Sep 2019 22:14

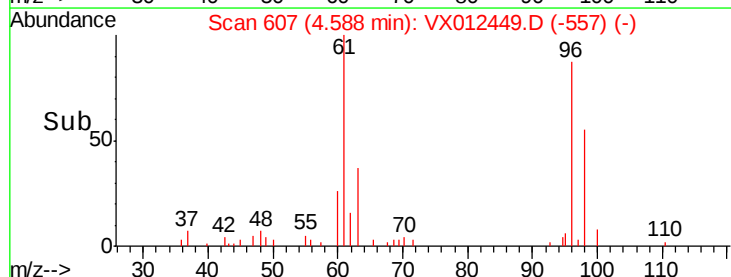
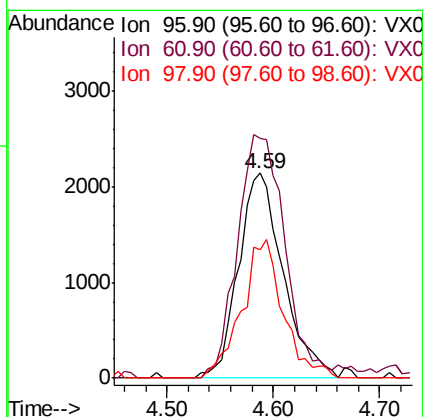
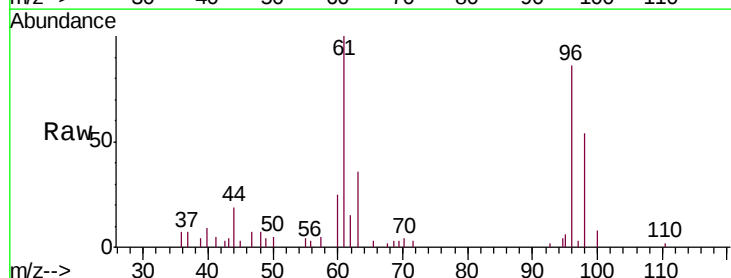
Tgt Ion: 96 Resp: 6300

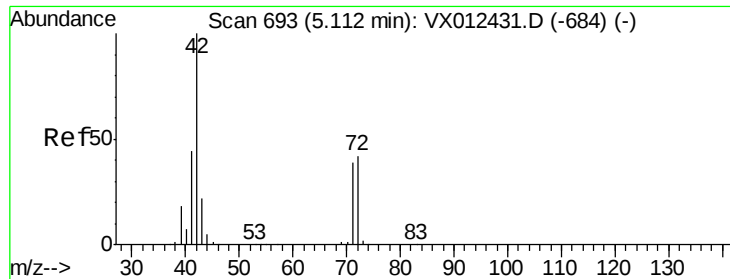
Ion Ratio Lower Upper

96 100

61 125.7 0.0 319.4

98 63.0 0.0 130.6





#29

Tetrahydrofuran

Concen: 0.443 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX012449.D

Acq: 17 Sep 2019 22:14

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190909

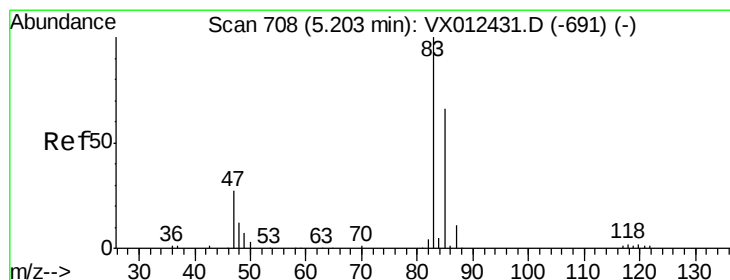
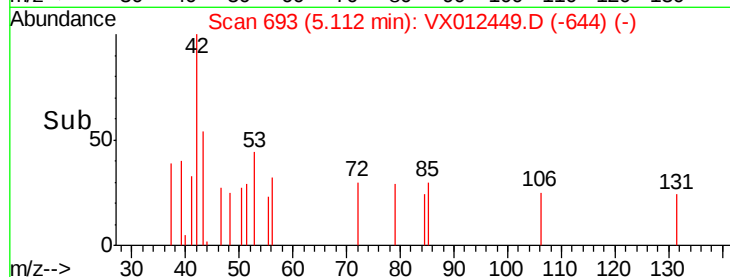
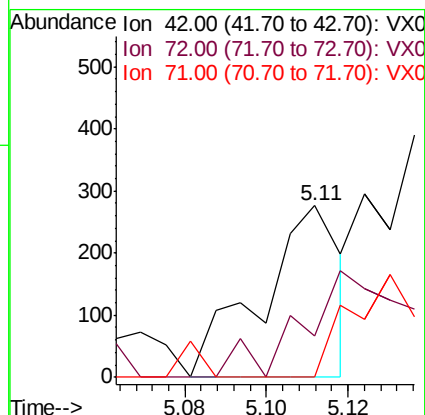
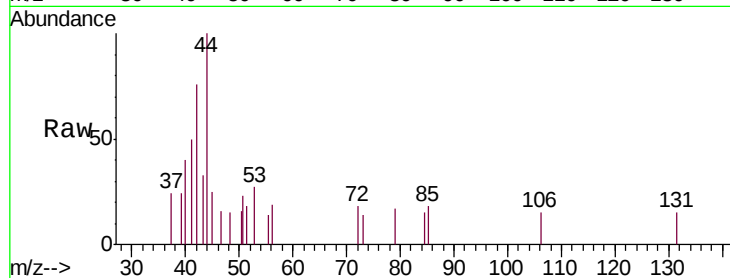
Tgt Ion: 42 Resp: 374

Ion Ratio Lower Upper

42 100

72 75.7 34.0 51.0#

71 0.0 31.5 47.3#



#30

Chloroform

Concen: 1.080 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX012449.D

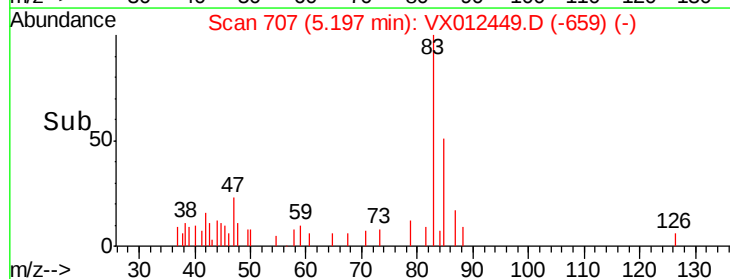
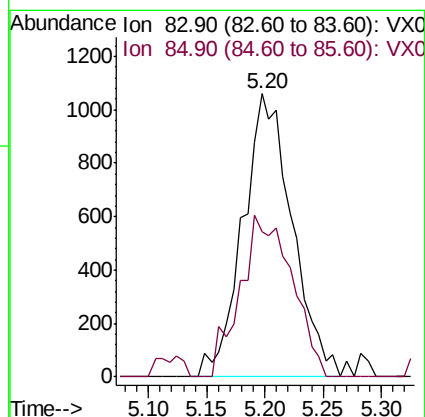
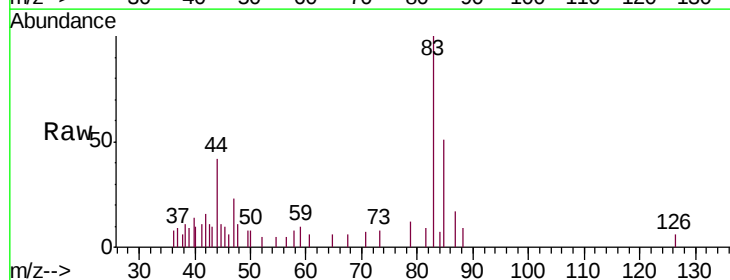
Acq: 17 Sep 2019 22:14

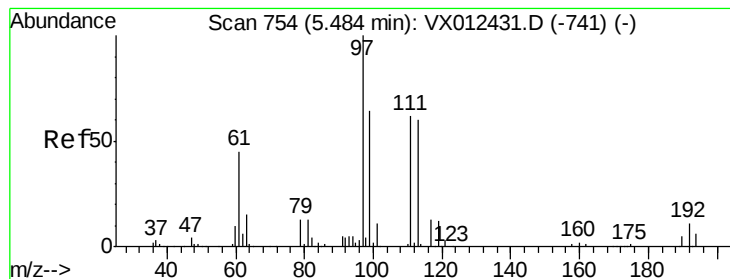
Tgt Ion: 83 Resp: 3127

Ion Ratio Lower Upper

83 100

85 51.2 53.0 79.4#





#32

1,1,1-Trichloroethane

Concen: 0.475 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012449.D

Acq: 17 Sep 2019 22:14

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190909

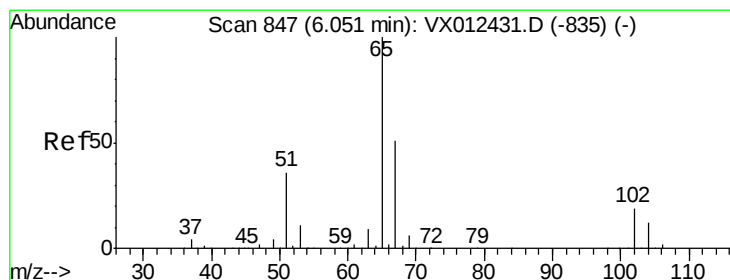
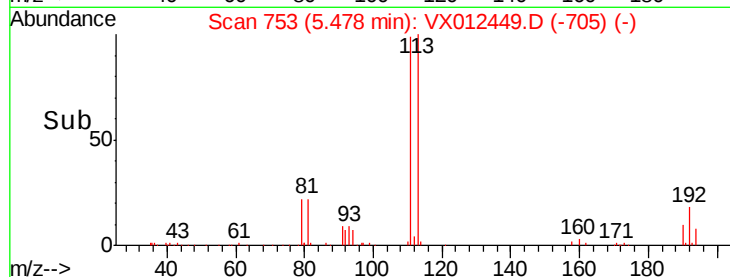
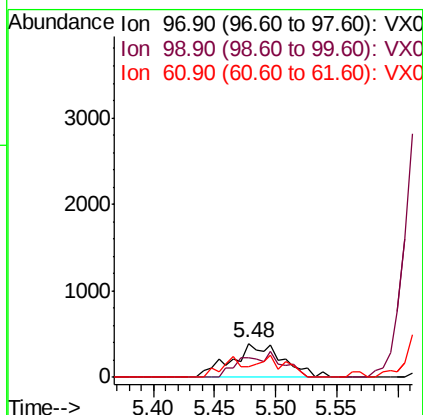
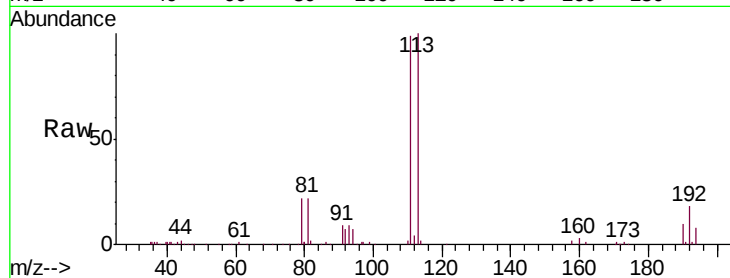
Tgt Ion: 97 Resp: 1148

Ion Ratio Lower Upper

97 100

99 0.0 51.3 76.9#

61 25.9 36.1 54.1#



#33

1,2-Dichloroethane-d4

Concen: 48.993 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012449.D

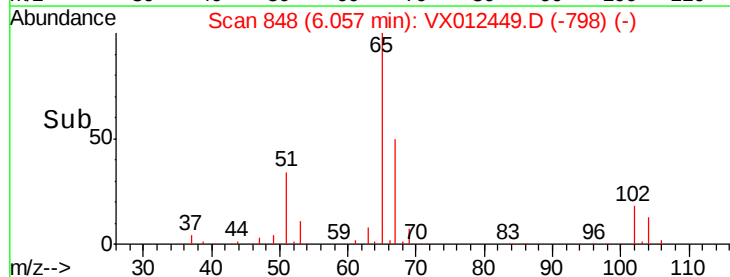
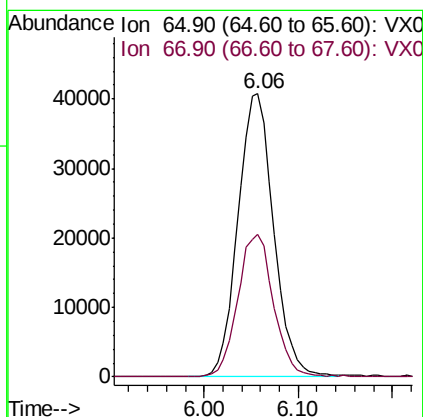
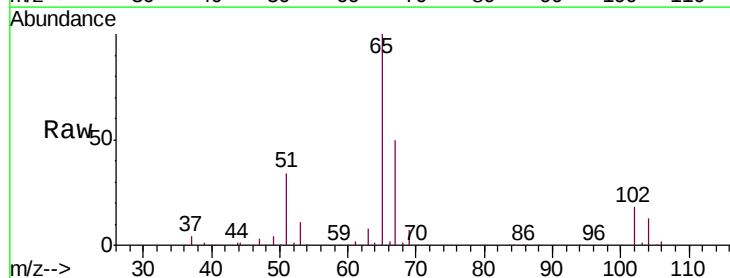
Acq: 17 Sep 2019 22:14

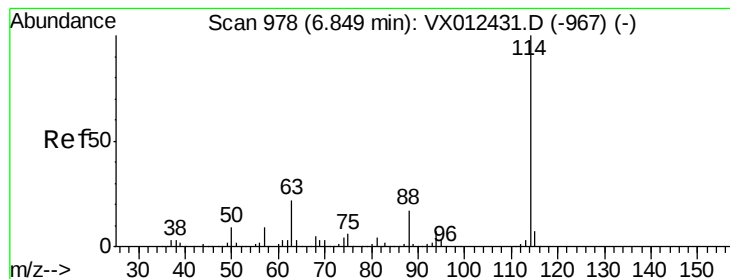
Tgt Ion: 65 Resp: 107923

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012449.D

Acq: 17 Sep 2019 22:14

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190909

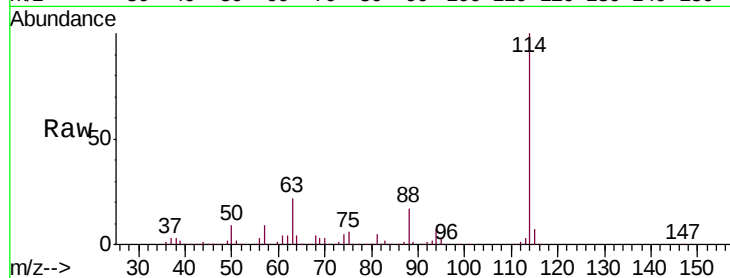
Tgt Ion:114 Resp: 248423

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.2

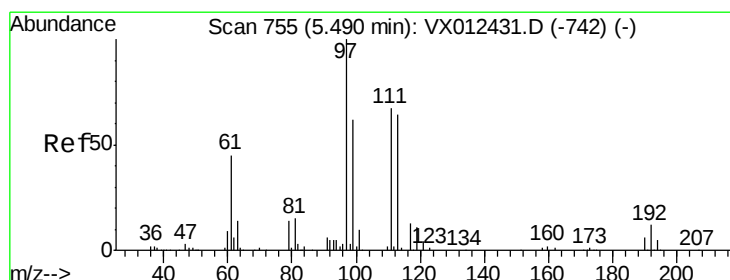
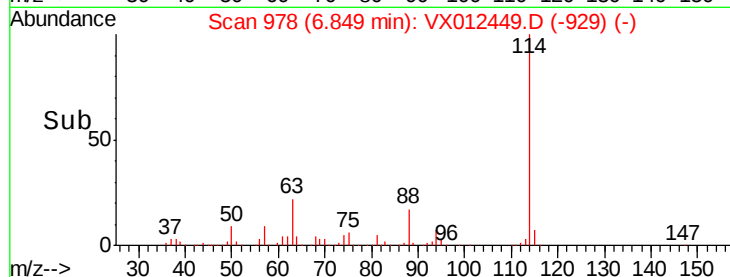
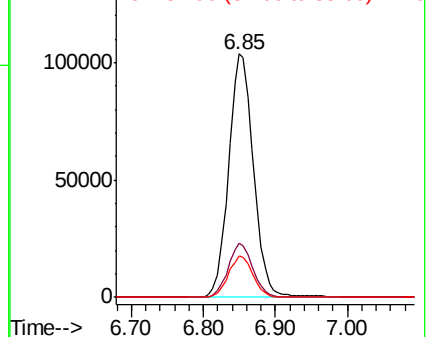
88 17.1 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.421 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012449.D

Acq: 17 Sep 2019 22:14

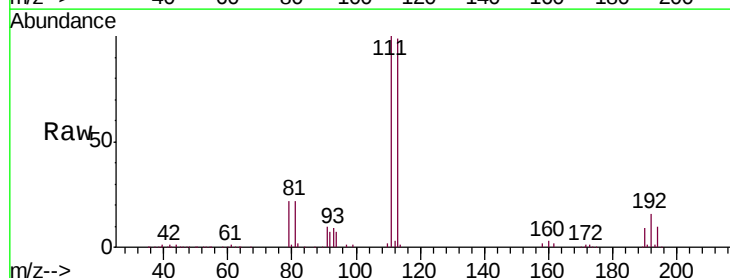
Tgt Ion:113 Resp: 75813

Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

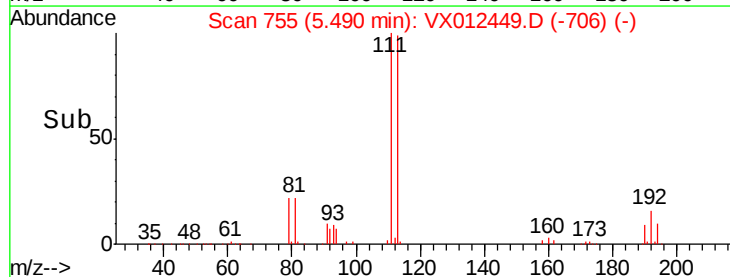
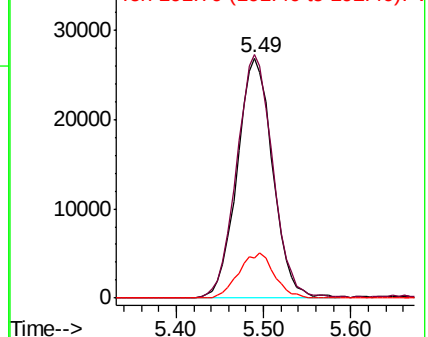
192 18.9 14.4 21.6

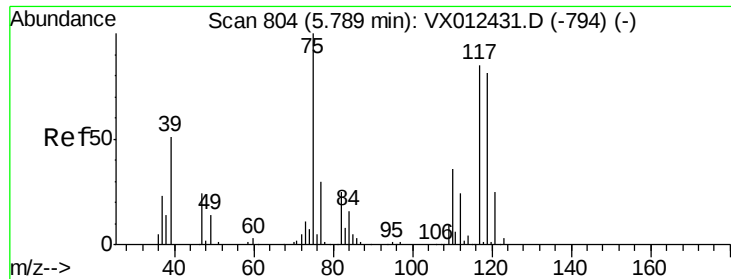


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

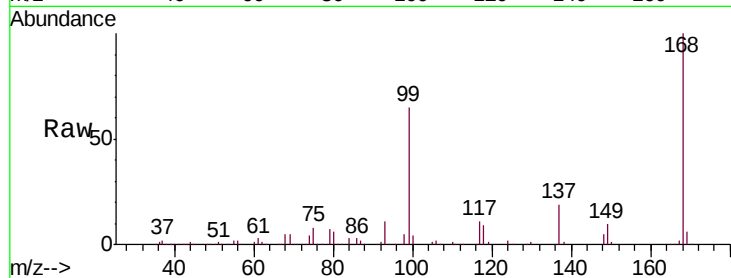




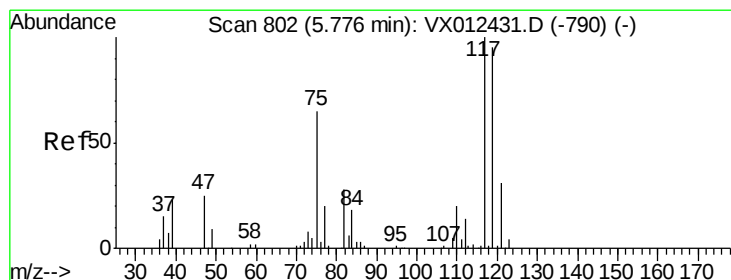
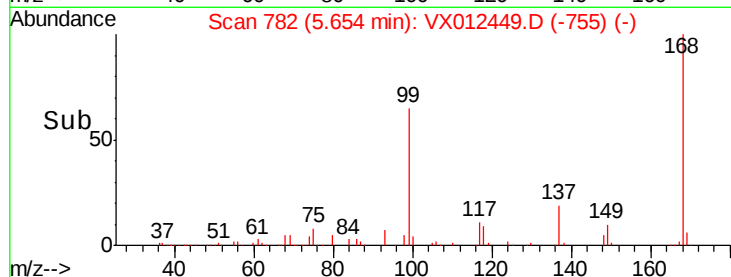
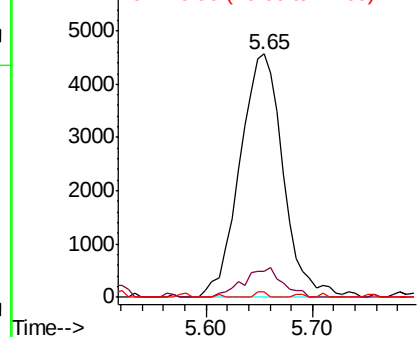
#36
 1,1-Dichloropropene
 Concen: 8.609 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX012449.D
 Acq: 17 Sep 2019 22:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20190909

Tgt Ion: 75 Resp: 12998
 Ion Ratio Lower Upper
 75 100
 110 11.0 16.7 50.0#
 77 0.5 24.2 36.2#

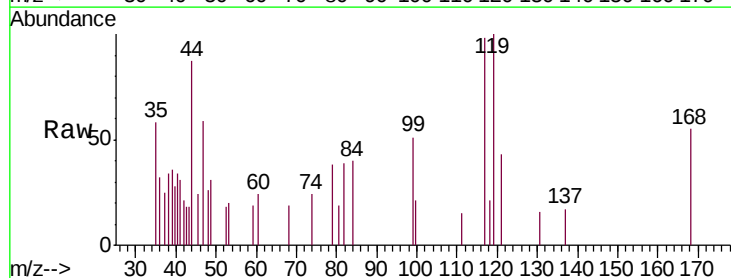


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

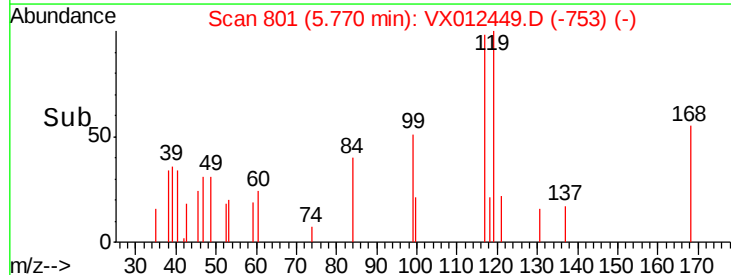
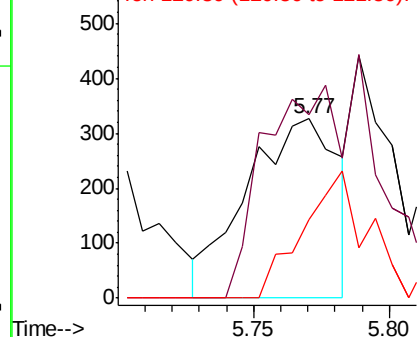


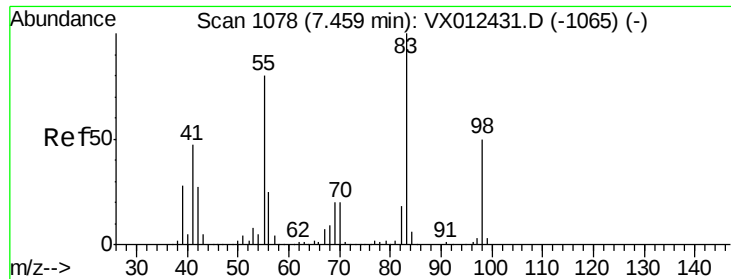
#38
 Carbon Tetrachloride
 Concen: 0.404 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: VX012449.D
 Acq: 17 Sep 2019 22:14

Tgt Ion: 117 Resp: 759
 Ion Ratio Lower Upper
 117 100
 119 131.0 75.7 113.5#
 121 55.7 24.2 36.4#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

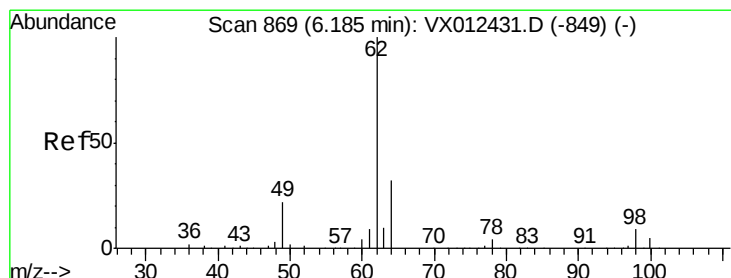
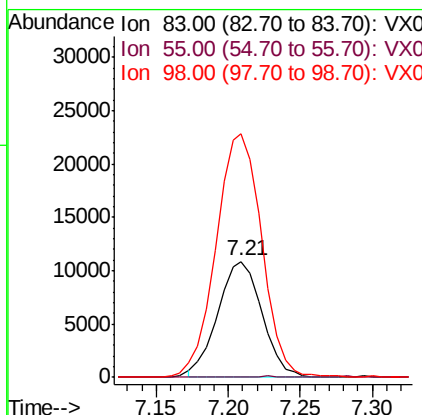
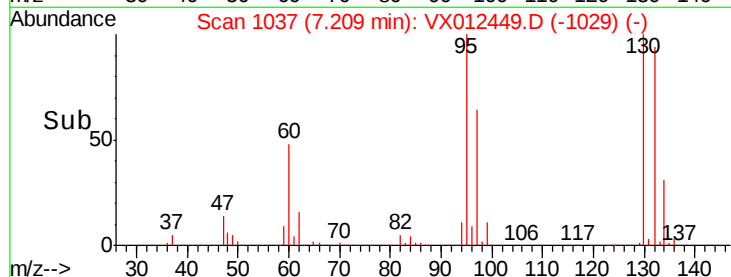
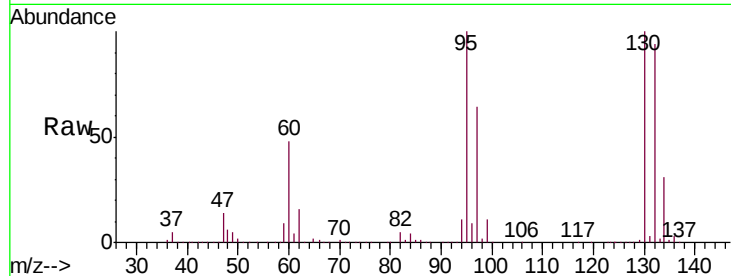




#39
Methylcyclohexane
Concen: 15.818 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. -0.25 min
Lab File: VX012449.D
Acq: 17 Sep 2019 22:14

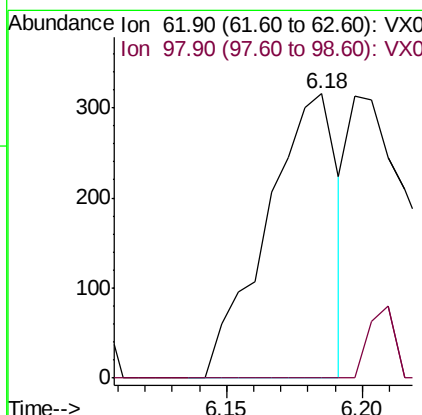
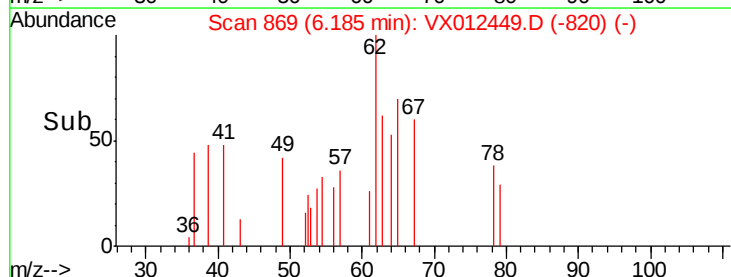
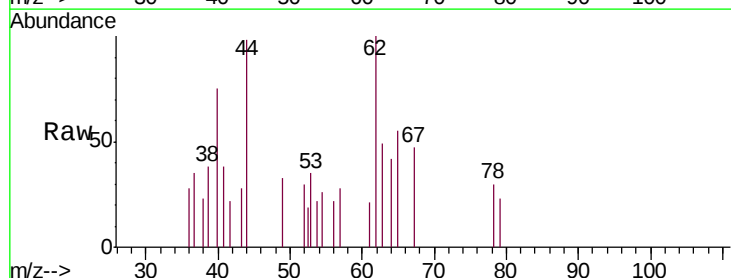
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190909

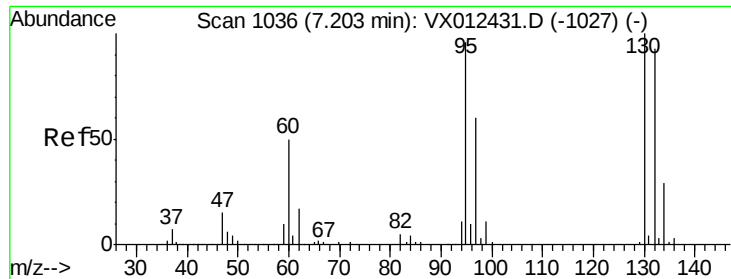
Tgt Ion: 83 Resp: 23217
Ion Ratio Lower Upper
83 100
55 0.0 64.4 96.6#
98 209.6 40.1 60.1#



#42
1,2-Dichloroethane
Concen: 0.255 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012449.D
Acq: 17 Sep 2019 22:14

Tgt Ion: 62 Resp: 568
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.8





#44

Trichloroethene

Concen: 1512.808 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012449.D

Acq: 17 Sep 2019 22:14

Instrument :

MSVOA_X

ClientSampleId :

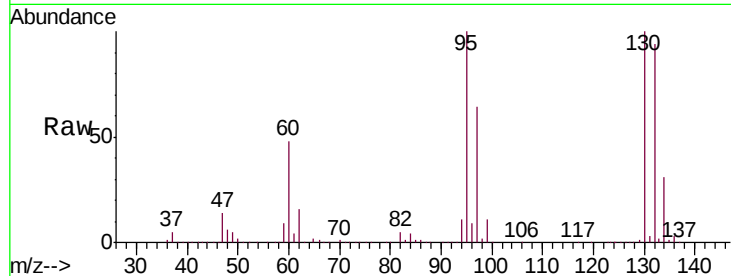
RE103D1-20190909

Tgt Ion:130 Resp: 1910586

Ion Ratio Lower Upper

130 100

95 100.3 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

800000

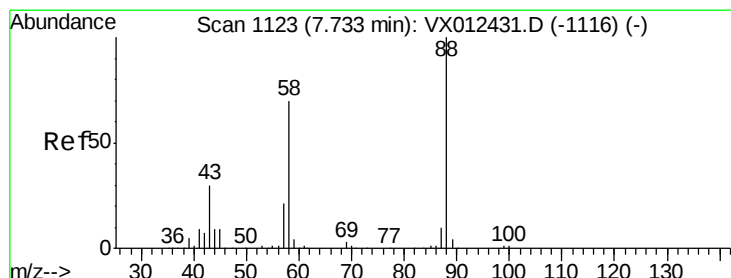
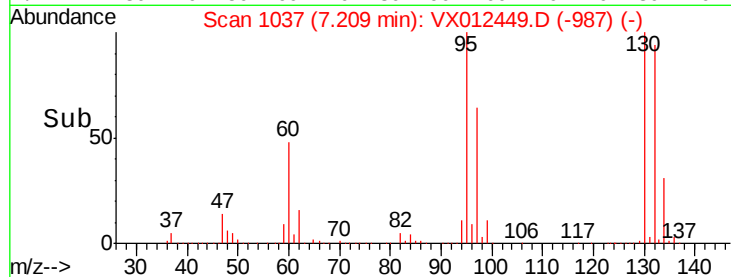
600000

400000

200000

0

Time-->



#49

1,4-Dioxane

Concen: 38.976 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX012449.D

Acq: 17 Sep 2019 22:14

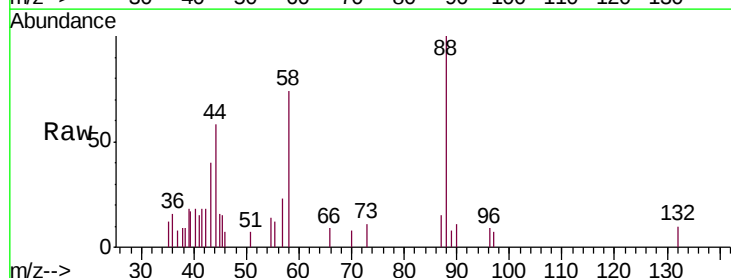
Tgt Ion: 88 Resp: 1860

Ion Ratio Lower Upper

88 100

43 32.2 29.4 44.0

58 77.4 57.5 86.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

7.74

800

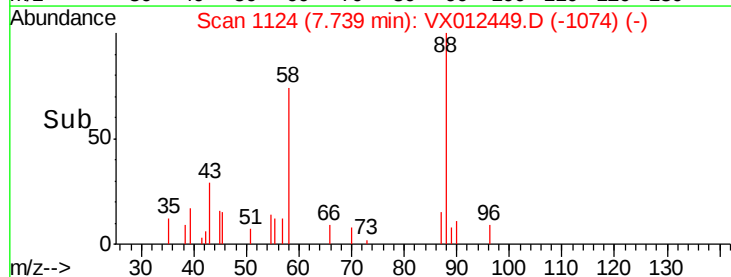
600

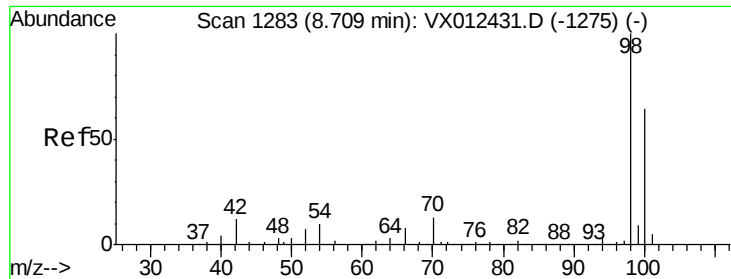
400

200

0

Time-->





#50

Toluene-d8

Concen: 51.614 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012449.D

Acq: 17 Sep 2019 22:14

Instrument :

MSVOA_X

ClientSampleId :

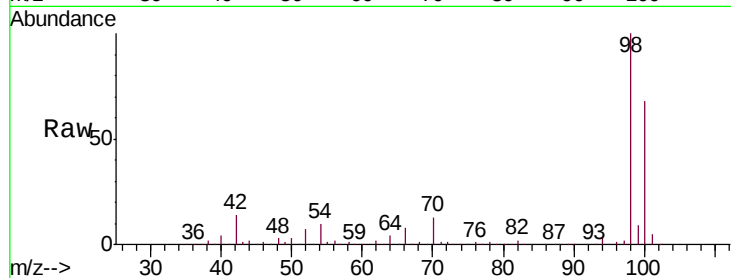
RE103D1-20190909

Tgt Ion: 98 Resp: 287255

Ion Ratio Lower Upper

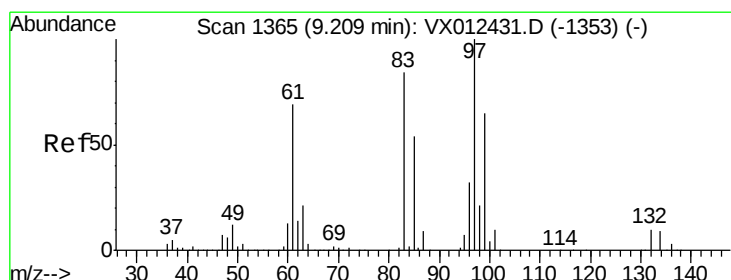
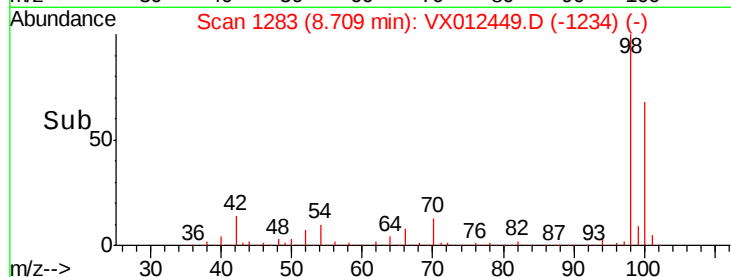
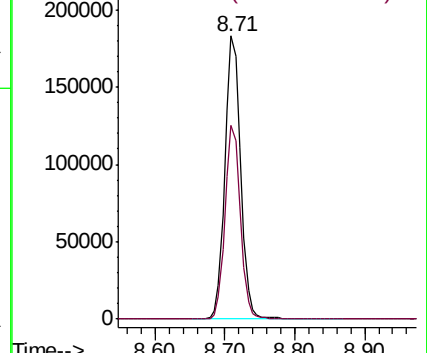
98 100

100 66.8 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.944 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX012449.D

Acq: 17 Sep 2019 22:14

Tgt Ion: 97 Resp: 1505

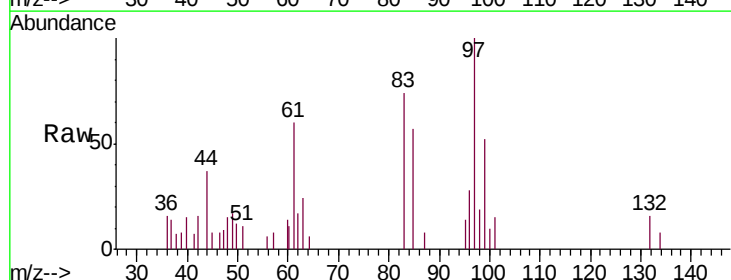
Ion Ratio Lower Upper

97 100

83 74.2 67.4 101.2

85 56.9 43.5 65.3

99 51.9 51.8 77.8

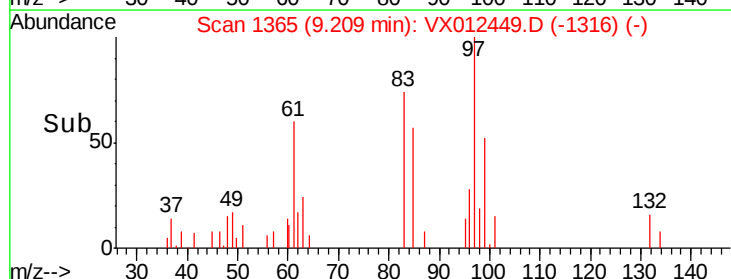
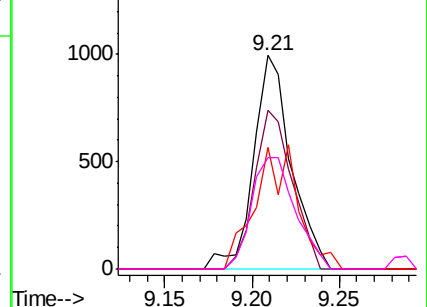


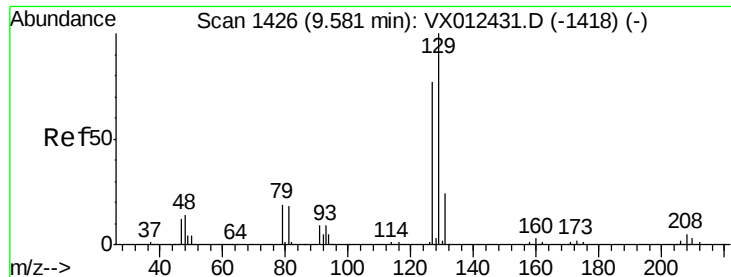
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

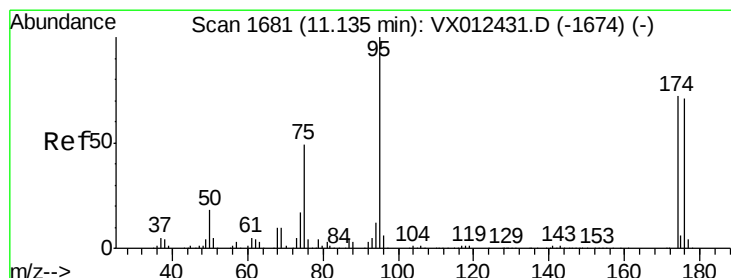
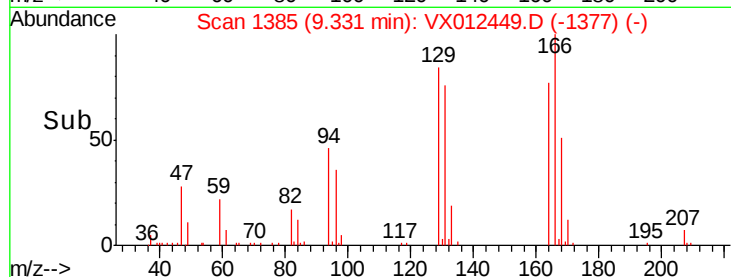
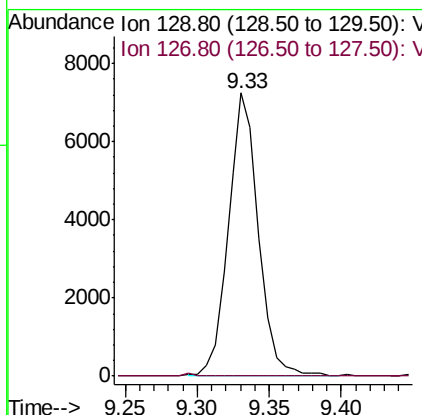
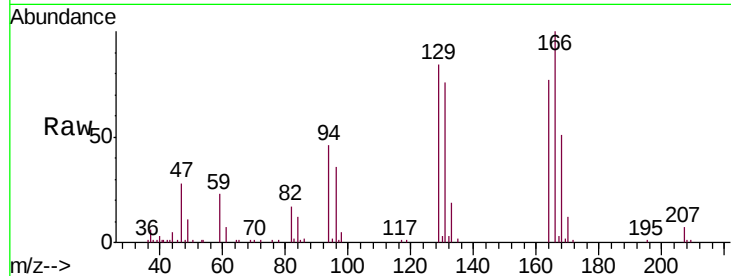




#60
 Dibromochloromethane
 Concen: 6.477 ug/l
 RT: 9.33 min Scan# 1385
 Delta R.T. -0.25 min
 Lab File: VX012449.D
 Acq: 17 Sep 2019 22:14

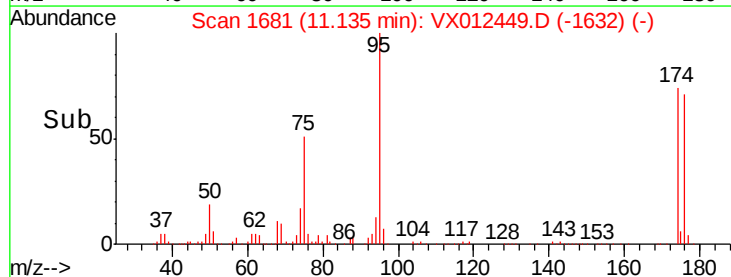
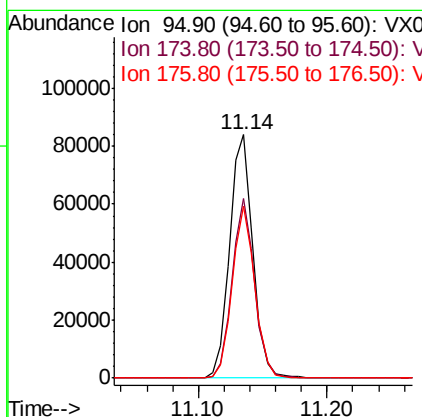
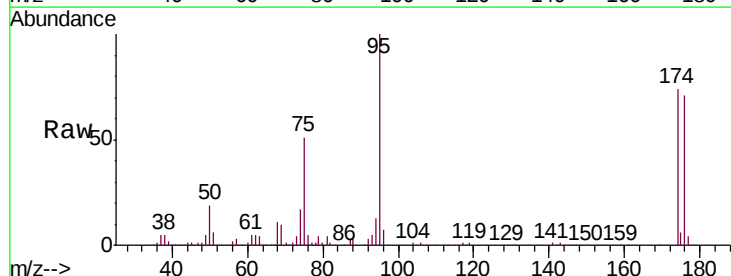
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20190909

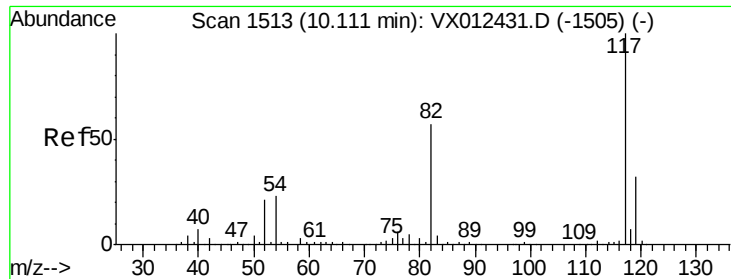
Tgt Ion:129 Resp: 10515
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.9 116.6#



#62
 4-Bromofluorobenzene
 Concen: 45.995 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX012449.D
 Acq: 17 Sep 2019 22:14

Tgt Ion: 95 Resp: 106287
 Ion Ratio Lower Upper
 95 100
 174 71.6 0.0 140.0
 176 69.0 0.0 135.4

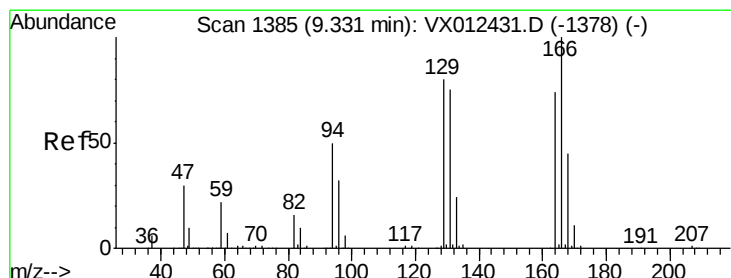
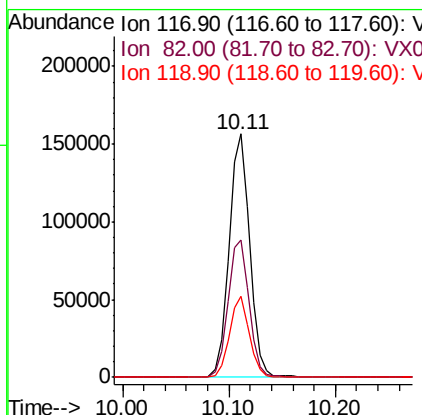
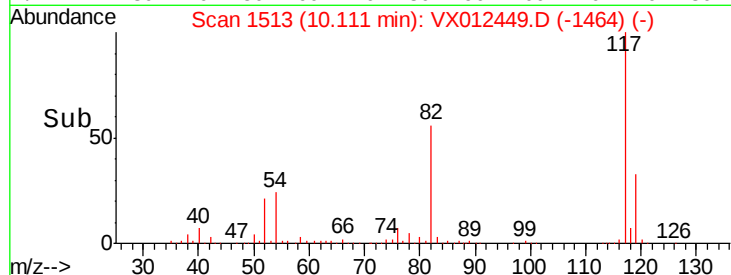
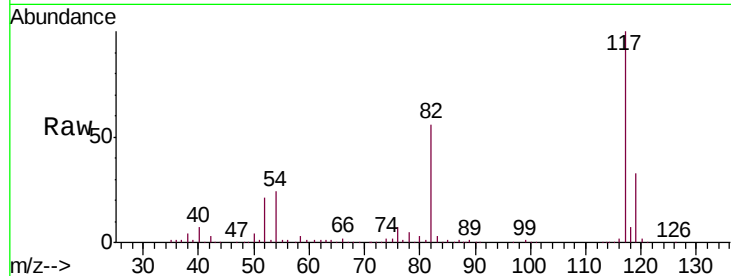




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012449.D
Acq: 17 Sep 2019 22:14

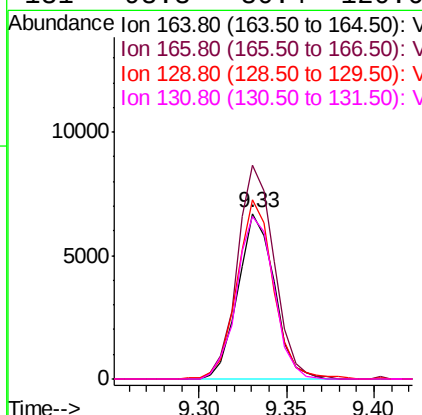
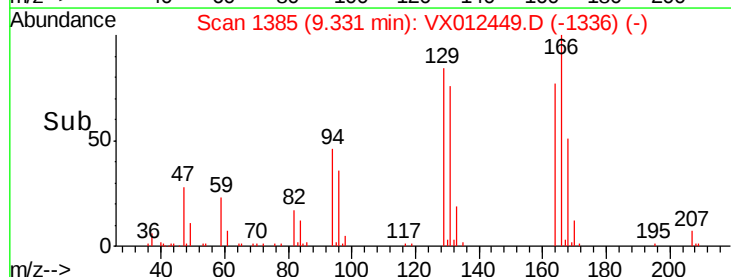
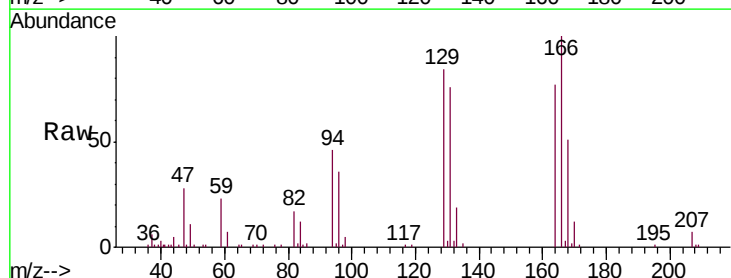
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190909

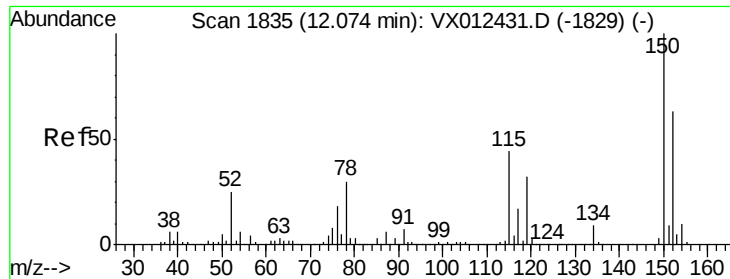
Tgt Ion:117 Resp: 212471
Ion Ratio Lower Upper
117 100
82 56.3 45.9 68.9
119 33.4 25.3 37.9



#64
Tetrachloroethene
Concen: 9.970 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012449.D
Acq: 17 Sep 2019 22:14

Tgt Ion:164 Resp: 9707
Ion Ratio Lower Upper
164 100
166 129.2 107.8 161.6
129 107.3 86.2 129.2
131 98.3 80.4 120.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012449.D

Acq: 17 Sep 2019 22:14

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190909

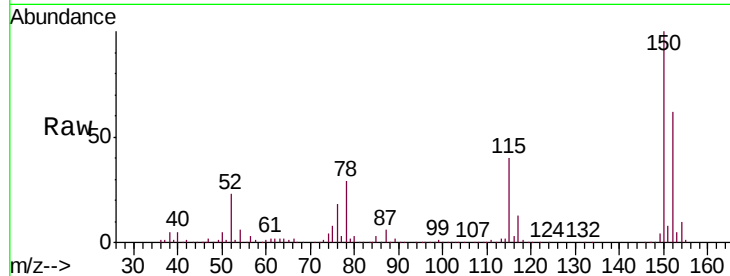
Tgt Ion:152 Resp: 88980

Ion Ratio Lower Upper

152 100

115 63.7 44.1 132.3

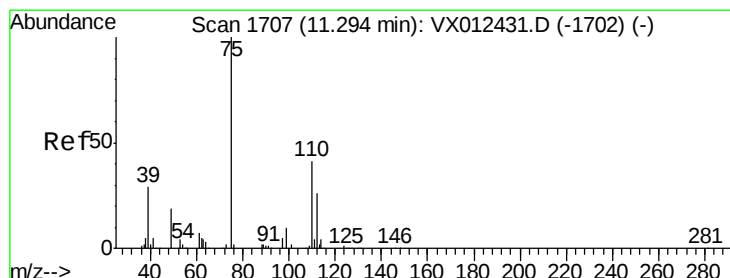
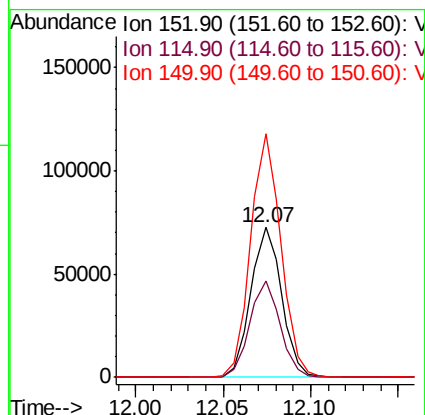
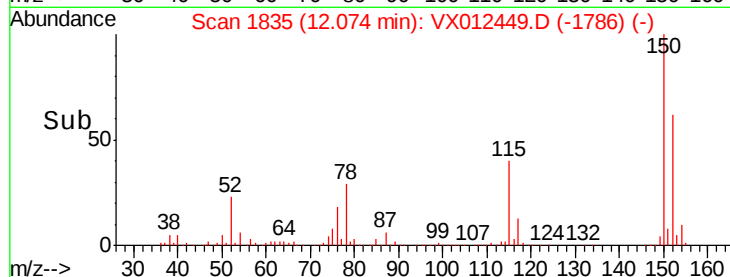
150 159.8 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 27.246 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012449.D

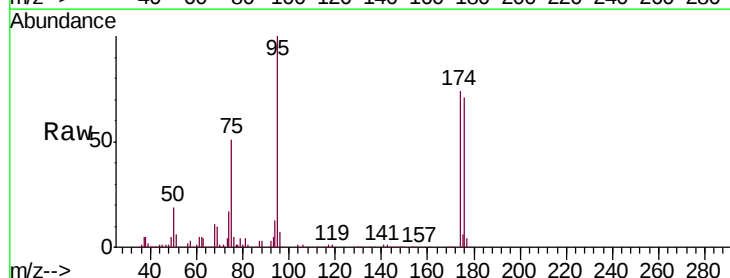
Acq: 17 Sep 2019 22:14

Tgt Ion: 75 Resp: 55689

Ion Ratio Lower Upper

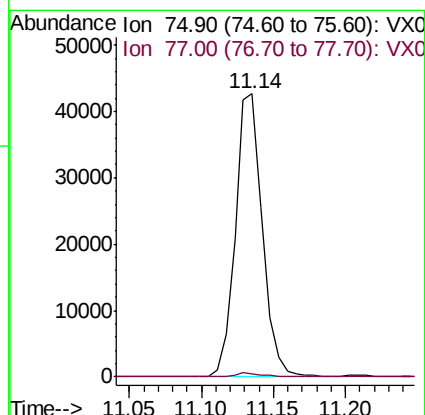
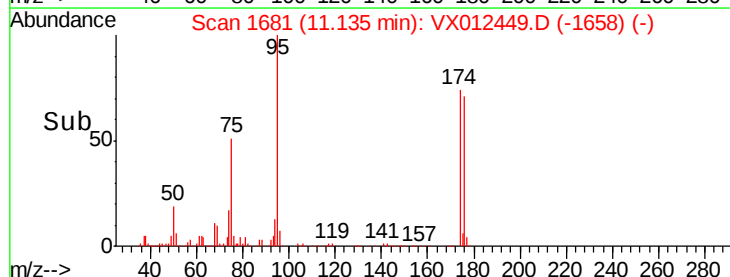
75 100

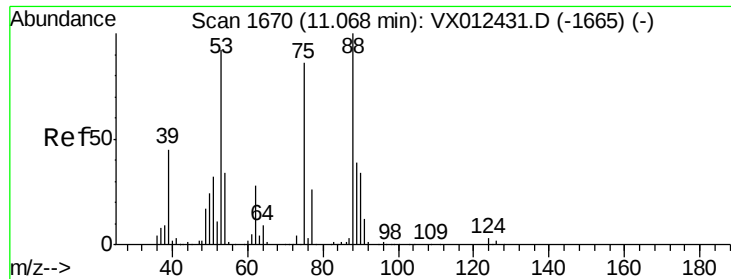
77 1.6 19.7 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 73.265 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012449.D

Acq: 17 Sep 2019 22:14

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190909

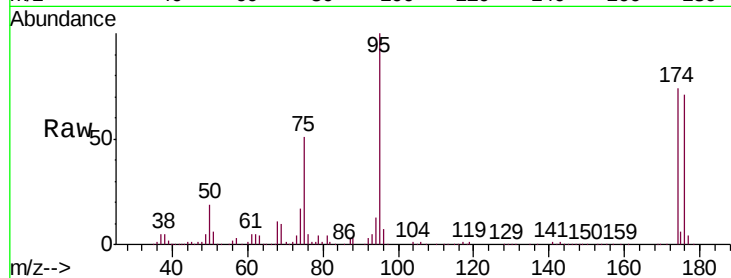
Tgt Ion: 75 Resp: 55689

Ion Ratio Lower Upper

75 100

53 0.0 83.6 125.4#

89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

